

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>4147-89</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/510338</b> <small>to be assigned</small>
INTERNATIONAL APPLICATION NO. <b>PCT/SE 03/00459</b>	INTERNATIONAL FILING DATE <b>19 March 2003</b>	PRIORITY DATE CLAIMED <b>5 April 2002</b>
TITLE OF INVENTION <b>MULTIMODULATION TRANSMITTER</b>		
APPLICANT(S) FOR DO/EO/US <b>GRANSTRÖM et al</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (31 pages specification, claims &amp; abstract (33 claims), 12 sheets drawings).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings,      page Certificate of Translation).</li> <li>b. <input type="checkbox"/> of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).              b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</li> <li>10. See item 6.b. above.  <b>Items 11 To 20 below concern document(s) or information included:</b></li> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information. International Preliminary Examination Report, International Search Report and cited references</li> </ol>		

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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....\$1080.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$920.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO .....\$770.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$730.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div> <div style="text-align: right;">\$ 1080.00</div> Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). <div style="text-align: right;">\$ 130.00</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> <tr> <td>Total Claims</td> <td>33</td> <td>minus 20 =</td> <td>13</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>minus 3 =</td> <td>0</td> <td>X \$86.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td>\$290.00</td> </tr> <tr> <td colspan="4">Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$ 1444.00</b></td> </tr> </table> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. <div style="text-align: right;"><b>SUBTOTAL =</b></div> <div style="text-align: right;">\$ 1444.00</div> Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). <div style="text-align: right;">+ 0.00</div> <div style="text-align: right;"><b>TOTAL NATIONAL FEE =</b></div> <div style="text-align: right;">\$ 1444.00</div> Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). <b>\$40.00</b> per property + \$ 40.00 Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 - Small Entity = \$665.00) \$ 0.00 <div style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b></div> <div style="text-align: right;">\$ 1484.00</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Amount to be: refunded</td> <td style="width: 10%;">\$</td> <td style="width: 20%;"></td> </tr> <tr> <td>Charged</td> <td>\$</td> <td></td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	33	minus 20 =	13	X \$18.00	Independent Claims	2	minus 3 =	0	X \$86.00	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$290.00	Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)				\$ 0.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1444.00</b>	Amount to be: refunded	\$		Charged	\$		<b>CALCULATIONS</b> PTO USE ONLY
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a. ☒ A check in the amount of \$1484.00 to cover the above fees is enclosed.  
 b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this form is enclosed.  
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.  
 d. ☒ The entire content of International Application No. PCT/SE 03/00459 and any U.S. and foreign application(s) corresponding thereto, and SE 0201070-0, referred to in this application is/are hereby incorporated by reference in this application.  
**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**  
**CORRESPONDENCE ADDRESS**  
**Direct all correspondence to:**

☒ **Customer Number:**

23117

Type Customer Number here

Place Customer Number Bar Label Here →

Telephone: (703) 816-4000  
 HWB:pfc

H. Warren Burnam, Jr.

NAME

29,366

October 5, 2004

REGISTRATION NUMBER

Date